

Title (en)

Derivatives of steroid compounds linked to cytotoxic agents and process for their preparation.

Title (de)

Steroidderivate verbunden mit zytotoxischen Mitteln und Verfahren zu ihrer Herstellung.

Title (fr)

Dérivés de stéroïdes liés à des agents cytotoxiques et procédé de préparation.

Publication

**EP 0105404 A1 19840418 (EN)**

Application

**EP 83109350 A 19830920**

Priority

US 43194382 A 19820930

Abstract (en)

The present application is concerned with compounds useful as carriers of cytotoxic agents. More particularly it deals with derivatives of steroid compounds having a 5-androstene carbon skeleton and having an oleyl ester at the 3-position and having a 17-carbamyl alkyl substituent which linked to cytotoxic agents for delivery to cancer cells exclusively via the low-density lipoprotein (LDL) pathway.

IPC 1-7

**C07J 41/00**; **A61K 31/575**

IPC 8 full level

**A61K 31/57** (2006.01); **A61K 31/575** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07J 9/00** (2006.01); **C07J 41/00** (2006.01); **C07J 43/00** (2006.01)

CPC (source: EP)

**A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C07J 9/00** (2013.01); **C07J 9/005** (2013.01); **C07J 41/0055** (2013.01)

Citation (search report)

- [A] GB 2028336 A 19800305 - KUREHA CHEMICAL IND CO LTD
- [A] US 3299104 A 19670117 - JAKOB FEX HANS, et al
- STEROIDS, vol. 19, no. 6, June 1972, pages 771-779, Holden-Day, San Francisco, USA I.J. MASNYK: "Novel alkylating agents. I. General endocrine screen assay on model esters of p-N,N-bis(2-chloroethyl)amino phenylacetic acid"
- [A] STEROIDS, vol. 19, no. 6, June 1972, pages 771-779, Holden-Day, San Francisco, USA

Cited by

FR2653117A1; CZ299815B6; EP0417725A3; US5462933A; US5646272A; US5668126A; US6762175B2; WO9420145A1; WO9832718A1

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